

Releases:

No new releases.

CDF:

Hi,

here's the CDF report:

- The CAF dbserver died Wednesday night.

The caf station multiplexer hung (very unusual). The cause is not known.

- On Thursday the automatic cdfsoft update made the old versions sam v7_4_2 and sam_ns_ior v7_0_1 current (instead of sam v8_2_2 and sam_ns_ior v7_1_0). Remote sites and sam upload servers were affected. Fixed on Friday.

Human error.

- Some old dbservers got restarted automatically. They are red on the SAAG page and can be ignored.

Gone again now.

- There were some user issues with farm style jobs and Stntuple jobs.

- On Sunday at ~10:15am the CDF offline database crashed. Fixed by Steven Kovich.

Caused by a bad CPU. Replacement has CPU expected today or tomorrow: will need 1 hr downtime to replace. Alternatively, could possibly disable CPU until a more convenient time for downtime.

- On Monday cdf-caf complained that it cannot uncache a file in the DB. File delivery stopped. Fixed by a station restart.

Most likely caused by mismatch between station and DB after db crash. The 'samadmin purge zombie projects' command would probably have fixed the issue without restarting the station.

- r-fcdfdata146-3 had a backlog of 300+ and was move to the test pool to drain it. Alexei and Angela discussed the dcache configuration.

Angela will look into the configuration further.

- SAM jobs are crashing at CNAF.

Same issue as back in February. There is insufficient information to diagnose the problem (no core files, and it isn't reproducible elsewhere).

- Today there's a constant number of queued transfers on r-fcdfdata323-1 of 146 and on r-fcdfdata327-1 of 79. The difference between restoreHandler and queueInfo is at ~35 since 4am.

Probably due to a noaccess tape.

Known issues:

- r-fcdfdata320 down.

- some DHAAG monitoring plots/number not working (CAF station, dbservers).

D0:

Events worth noting:

D. Mackin (SAM shifter) has the following comment about web security on SAM FAQ:

"I thought about adding a SAM FAQ entry based on 3516. However, the online form requires an oracle password and it does not use SSL. This means that the oracle password would be sent across the Internet unencrypted. Is the d0db-prd.fnal.gov web server set up for SSL? If so, we should change the html form to use it."

This is a good point, but the server doesn't support SSL, and nobody really wants to start messing with it.

Apr. 10: The shifter D. Mackin contacted enstore-admin to let them know the number of blank tapes for samto2 was down to 2. They added tapes and it is now upto 97.

Unresolved issues:

#3522: "Jobs held" : Sherwood suspected "disk full" or "user quota" problem.

Problem was tomcat writing logs into the ups area and filling it up (including a single 7GB file). Steve Timm also pointed out that condor_schedd is using 1.5GB memory on that machine, and there isn't much free space.

#3504: "fcp queues at samgrid.indiana.edu need attention" --> I've put in Adam's note from his minutes. Should this ticket be closed ? Or want to leave it on for "NGOP" review or reconfiguration ?

Now have monitoring showing that fcp queues at samgrid.indiana.edu are heavily used, with several hundred transfers in the queue almost continually. Older versions of fcpd can crash if the file count reaches ~1000.

Minos:

Minos status 2008 Apr 15

General

Enstore -

LTO-4 copies continuing, over 9.5 TB so far to 13 tapes
encp rates from local disk to LTO-4 are about 15 MB/sec.
I would expect 30 to 60, will investigate.

DCache -

SAM -

Need to upgrade station to v6_0_5_23_srm - in April

Oracle -

OPEN ISSUES

IT 1146: cannot test existence of sam tape location
IT 2071: quadratic project startup time growth

PLAN -

Migration to 9940B tape can proceed anytime

DB:

D0 :

Announcement:

D0 offline db is getting the Warning message Message="ORA-error stack (07445[opidsa()]+480])

Solution: Need to apply the patch 5648872 - Scheduling on d0ofdev1 Wed 04/09/2008 10:00AM - Done

Alert(s):

CDF :

On 04/13/2008 : fcdfora4~cdfopr2 crashed at ~10:12 oem alerts 10:21 ...steve had to
come on-site - db was back up 13:22. no root cause yet

See CDF report

Alert(s):

MINOS:

enstore/dcache report

A very quiet week (at least until Friday @ 5 pm).

Scheduled Downtimes:

o stken - nothing planned

Operations:

o d0en
- Ran out of blank LTO2s Thursday. Both LTO2 and 9940B blanks
have been loaded into their respective robots.

o cdfen

o cdfdca

o stken
- Last week Art reported Minos experience writing to LTO4 tapes,
noting 14 errors on 8 tapes. Investigation determined that
these were actually mount failures, characterized as write
errors, involving only 2 movers. Those movers are currently
offline. The drives have been tested by our Sun CE, who did
not find any problems, leading us to look at the other end
of the fiber, the i/f card on the PC. No conclusions as yet.

o fndca